

# THE FMSB NEWSLETTER

Volume 22

<http://www.nnsy1.navy.mil/FMSB>

February 2004

## ***New Material Manual***

*Phil Doyle*

The Naval Nuclear Material Management Manual, S9213-45-MAN-000, has been issued. This manual provides a single source of policy and procedural guidance for management of equipment, components, and repair parts used in Naval Reactor Plants. This manual cancels and otherwise supersedes NAVICPINST 4440.376, NAVSEA INSTRUCTIONS 9210.15, 9210.25, 9210.28, and 9210.38.

## ***Quality Maintenance Course***

*Jeff Smith*

Fleet Maintenance Support Branch (FMSB), Code 2380.3 of Norfolk Naval Shipyard (NNSY) was tasked with creating a new quality assurance (QA) course for the fleet. The new Quality Maintenance Course (QMC) will be two weeks in length and is targeted for submarine QA Officers (QAOs), Assistant QAOs, and senior QA personnel. All Type Commanders (TYCOMs) have concurred on the course curriculum. The QMC course material is being forwarded to the Naval Sea Systems Command (NAVSEA) for their approval. After NAVSEA approval, the QMC will be sent to the Submarine Learning Center(s) via N7 for evaluation and inclusion in training curriculums at the various fleet training sites. The QMC course material will be sent to all applicable training sites. FMSB will be the Curriculum Control Model Manager (CCMM). Course Identification Number for this course is S-4H-0182. Point of contact for course information is Jeff Smith, 757-393-7193 or [SmithJEA@nnsy.navy.mil](mailto:SmithJEA@nnsy.navy.mil).

## ***Care of Students***

*Jamie Gardner*

I have been at FMSB for three months now and have processed four classes (one QAOC, one NPC, and two Trade Skills Courses). I have noticed that we are not taking care of our people as good as we can and should. This is particularly true and most important with our more junior students. We have students arrive at FMSB eager to learn but with problems that take their attention away from learning. Most, if not all, of these problems could have easily been prevented by the student's sending command.

Students have arrived with pay problems (e.g., unpaid SRB or not receiving per diem) and family situations that required immediate attention (e.g., court dates, family health issues). In other cases the student's sending command failed to arrange for advancement exams to be forwarded to this command (one First Class Petty Officer was not allowed to take the CPO exam) or did not provide correct security information about the student. Some sending commands have left the students with no means of transportation to and from school by either not providing money for a rental car or a government credit card. Due to the uniqueness of this area, a car is a must for our students. All of these problems interfere with a student's ability to learn.

I ask that the Chief Petty Officers and Division Officers insure that each student they are sending to an FMSB school is fully prepared to be a dedicated student. The sending command can succeed in that effort by making sure that students are properly paid, that the student understands his/her orders, and that all necessary arrangements have been made (i.e., security information sent, rental car, airline tickets).

Dept Hd \_\_ Div Hd \_\_ Supv/LCPO \_\_ TRG/QA \_\_ 38N/RM/M-DIV \_\_ Planning \_\_ File \_\_

## ***Increased PPTSC Billets***

*John Henderson*

FMSB has responded to a TYCOM request to increase the number of billets for the Propulsion Plant Trade Skills Course (PPTSC) from six students per class to twelve students per class. The request was prompted by the desire to increase the number of fleet personnel trained per fiscal year who can perform repairs to propulsion plant valves. In addition, the TYCOM requested FMSB to decrease the course schedule from three weeks to two weeks, removing several topics pertaining specifically to pipe cutting and welded joint fit-up.

To accommodate the larger class size, FMSB has purchased new student desks, chairs, and mobile storage cabinets. New precision measuring tools and mock-ups were purchased, which allow each student to develop their measuring skills during familiarization cycles and practical examinations.

Topic critique sheets provided by the students indicated that the training was very beneficial.

## ***Recently Completed Training***

*Jamie Gardner*

FMSB recently completed the following training:

\* AIRLANT units, SUBTRAFAC Norfolk, January 12–23. Topics: Primary Valve Operator Train-the-Trainer.

\* New London Operating Unit Training January 12-16, Topics: Steam Plant Cleanliness and LP Carbide Seat Cutter with counter-bore refurbishment.

\* Nuclear Planners Course 04-1 graduated February 24 with a class of 16. Attendees are reporting to various commands: CVN (9), TRF Bangor (1), USS EMORY S LAND (2), NRMD New London (1), NRMD Norfolk (1), and NPTU Charleston (2).

\* Propulsion Plant Trade Skills Course 04-1 graduated February 6 with a full class of 12. Attendees are reporting to CVN (6), NRMD Groton (1), NRMD Pearl Harbor (1), and SIMA Norfolk (1), NPTU Ballston Spa (1), SSN (2).

## ***Upcoming Training***

*Jamie Gardner*

FMSB is scheduled to conduct the following training:

\* Pearl Harbor Operational Unit Training, NSSC Pearl Harbor, March 1-5 and March 22-25. Topics include Controlled Material, Technical References, Precision Measuring, QA Forms, Steam Plant Cleanliness, TWD Format. POC: LT Tim Queen (808)-473-3500

\* Pearl Harbor, Naval Submarine Training Center, Pacific, March 15-26. Primary Valve Operator Train-the-Trainer Course. POC: LCDR David Thomas (808)-472-7400

\* Kings Bay TRF Technical Visit, April 12-16. RFCC Refresher Training. POC: LT Francis (NRO) (912)-573-3261

\* NPTU Ballston Spa Technical Assist Visit, April 12-16. Topics include Planning and Source Documents, Reactor Plant and Steam Plant Cleanliness, and QA Forms. POC: Senior Chief Goodin (518)-884-1862

\* NPTU Ballston Spa Technical Assist Visit, July 12-16. Topics include Reverse Seated Globe Valve Repair and Primary Valve Packing. POC: Senior Chief Goodin (518)-884-1862

For information on scheduling training with Fleet Maintenance Support Branch, contact Jamie Gardner at (757)-393-7042 or by email [GardnerJM@nnsy.navy.mil](mailto:GardnerJM@nnsy.navy.mil).

## ***Farewell***

*Jamie Gardner*

FMSB would like to say “Good bye and Good Luck” to Hod and Beverly Verble after many years of service. They are heading to SPAWAR in Charleston, S.C. Jeff Smith will be taking over Controlled Materials, Al Pendleton will inherit the NPC course and Tom Batts will assume Reactor Plant and Steam Plant Cleanliness. Tim Tew will be running the QAO course. Sheila Tucker will relieve Beverly of her duties.

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Previous issues or articles are available by visiting the FMSB WebSite or contacting FMSB by phone or e-mail. (POC xxx xxx)	

**NORFOLK NAVAL SHIPYARD  
FLEET MAINTENANCE SUPPORT  
BRANCH, CODE 2380.3, BUILDING 276  
PORTSMOUTH VA 23709-5000  
FAX (757) 393-7120  
(DSN 386-1185 + last five digits)**

## ***Keeping Up With The Tooling***

*Chuck Davis*

This article is a reminder to all activities that use the Carbide Cutter Seat Repair Kits in Nuclear or Non-Nuclear applications. During a recent visit to SSSU New London, FMSB noted a few ships were not using the repair kits due to problems encountered. There have been a few deficiencies in the past with the Carbide Cutter Seat Repair Kits, however most have been resolved. The following deficiencies may still be encountered in the fleet:

- ♦ The frame assembly bearing in a few of the older original kits (red toolbox) was installed backwards. This type of thrust bearing would only allow thrust in one direction. If installed backwards, the cutter could self-feed, possibly resulting in excess removal of seat material. The newer kits have regular ball bearings installed that will allow thrust in either direction.
- ♦ The guide bushings have had plating problems, such as flaking on the bearing surface where the feed stop assembly bottoms out during cutting operations. Some of the newer guide bushings have had galling problems on the inside diameter during cutting operations. Due to the tight tolerances between the cutter/lapping tools and the guide bushing inside diameter, you must ensure that proper cleaning techniques are invoked each time a cutter or lap is removed from the guide bushing. Using this practice will help eliminate future galling problems with the guide bushing.

FMSB has contacted PSNSY about these problem areas. Parts may be replaced at no charge depending on the problem. So please don't let your tools sit on the shelf. Any questions concerning the Carbide Cutter Seat Repair Kits, please contact:

**Chuck Davis (757) 393-7185 or**

**John Henderson (757) 393-7131**

# Future Articles

Jamie Gardner

If you have a question and/or articles of interest for *The FMSB Newsletter*, please let us know. If necessary, FMSB will conduct the research. Request deadline for the next issue is May 14, 2004. Write, E-mail, or call FMSB.

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BattsTW@nnsy.navy.mil, (757) 393-7124  
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Mike Dodson - SubSafe, Testing,  
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Phil Doyle - Technical Manuals and Drawings, PVO  
DoylePJ@nnsy.navy.mil, (757) 393-7141  
Butch Estridge - Trade Skills, valve replacement, fitting  
pipe, Basic Trade Skill Lesson Plans  
EstridgeMC@nnsy.navy.mil, (757) 393-7186  
Jamie Gardner - On-site Training and Sponsorship,  
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John Henderson - Valve Repair, PVO, Trade Skills,  
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Ken Korpany - Cutting Tools, Mockups  
KorpanyKR@nnsy.navy.mil (757) 393-7112  
Al Pendleton - LARs, Plant Conditions and Effluent  
Collection  
PendletonJA@nnsy.navy.mil, (757) 393-7189  
Mark Rice - Trade Skills, valve replacement, pipe fitting, Basic  
Trade Skill Lesson Plans  
RiceME@nnsy.navy.mil, (757) 393-7187  
Jeff Smith - Trade Skills, valve replacement, pipe fitting  
SmithJEA@nnsy.navy.mil, (757) 393-7193  
Tim Tew - FWP/CWPs, ShipAlts, JFMM  
TewTN@nnsy.navy.mil, (757) 393-7140  
Sheila Tucker - Vault Custodian and Technical Manuals  
TuckerSR@nnsy.navy.mil.

When contacting FMSB by e-mail, send the e-mail to two or more people. That way if someone is on leave or travel, another person can contact you.

## NNSY CODE 138 WELDING & NDT

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BroachJL@nnsy.navy.mil (757) 396-5510/5579  
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## DETAILERS

Detailer information is provided to assist in obtaining billets for FMSB scheduled courses.

### Nuclear Planners Course (NPC)

CANTRAC S-661-1022: MMCS (SS) Ciko  
p403cd@persnet.navy.mil, (901) 874-3627,  
DSN 882-3627.

### Nuclear Trade Skills Course (NTSC)

CANTRAC S-661-1025: MM1 (SS) Richmond  
p403cg@persnet.navy.mil, (901) 874-3628,  
DSN 882-3628.

### Quality Assurance Officers Course (QAOC)

CANTRAC S-4H-0001: LCDR Tom Armstrong  
p422a@persnet.navy.mil, (901) 874-3945, DSN  
882-3945, Fax (901)874-2648.

### Propulsion Plant Trade Skills Course (PPTSC)

CANTRAC S-661-1026 MMC (SW) Goodman,  
p403cr@persnet.navy.mil, (901) 874-3632, DSN  
882-3632.

## FMSB COURSE SCHEDULE

### Propulsion Plant Trade Skills Course

PPTSC 04-1 26 Jan - 13 Feb 2004

PPTSC 04-2 03 May - 21 May 2004

PPTSC 04-3 07 Jun - 25 Jun 2004

PPTSC 04-4 12 Jul - 30 Jul 2004

PPTSC 04-5 16 Aug - 3 Sep 2004

### Nuclear Planners Course

NPC 04-1 20 Jan - 24 Feb 2004

NPC 04-2 26 Jul - 27 Aug 2004

### Quality Assurance Officers Course

QAOC 04-2 19 Apr - 20 May 2004

### Nuclear Trade Skills Course

NTSC 04-2 01 Mar - 09 Apr 2004

These courses are Detailer controlled. Contact the applicable Detailer listed in this Newsletter to obtain a billet for these courses.

REQUEST WIDEST DISSEMINATION WITHIN THE REPAIR/TRAINING ORGANIZATION OF YOUR ACTIVITY